CATALOGUE

OF

DICKINSON COLLEGE

FOR THE

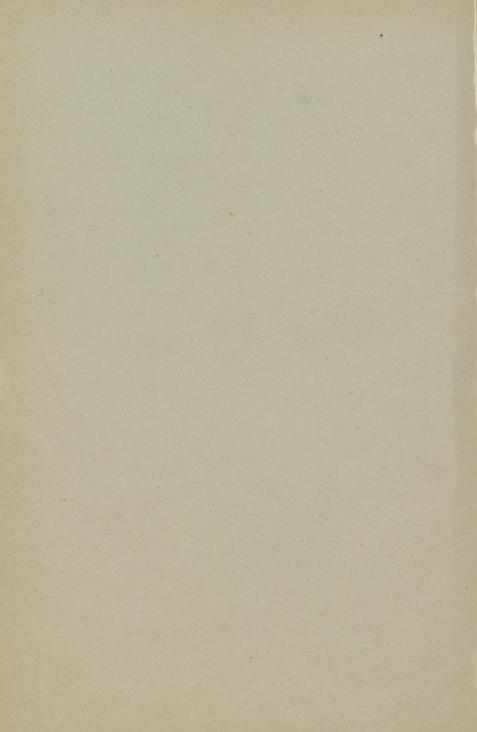
ACADEMICAL YEAR

1876-77.

CARLISLE, PA.

LANE S. HART, PRINTER, HARRISBURG.

1877.



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DICKINSON COLLEGE

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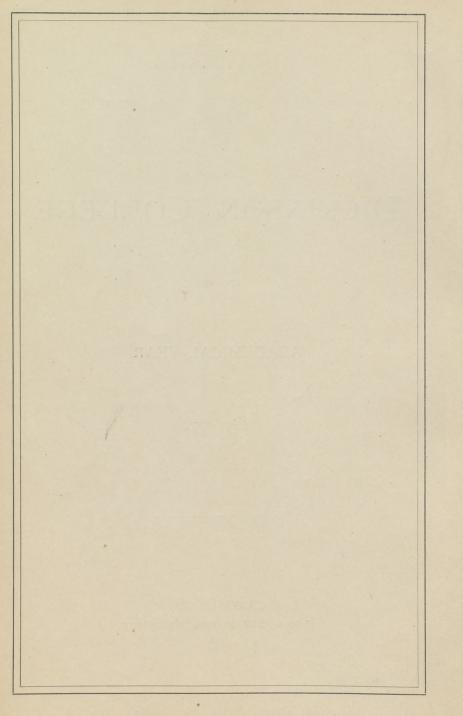
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1877.



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JAS. A. McCAULEY, D. D., ex officio, Rev. Bishop LEVI SCOTT, D. D., Rev. Bishop M. SIMPSON, D. D., Hon. A. HERR SMITH, Esq., CHRISTIAN STAYMAN. JOHN F. BIRD, M. D., JOHN WHITEMAN, * Rev. FRANCIS HODGSON, D. D., Rev. PENNEL COOMBE, WILLIAM H. MILLER, Esq., Col. JOHN A. WRIGHT, Rev. WILLIAM E. PERRY, JOHN CARSON, Esq., WILLIAM R. WOODWARD, Esq., JACOB RHEEM, Gen. JAMES F. RUSLING, SAMUEL NORMENT, FRANCIS A. CROOK, F. A. ELLIS, Esq., Hon. M. G. EMERY. R. C. WOODWARD, THOMAS G. CHATTLE, M. D., Rev. JOHN S. DEALE, D. D., CHARLES J. BAKER, Esq.,

Carlisle. Odessa. Del. Philadelphia. Lancaster. Carlisle. Philadelphia. Philadelphia. Philadelphia. Philadelphia. Carlisle. Philadelphia. Glassboro', N. J. Baltimore, Md. Washington, D. C. Carlisle. Trenton, N. J. Washington, D. C. Baltimore, Md. Elkton, Md. Washington, D. C. Carlisle. Long Branch, N. J. Baltimore, Md. Baltimore, Md.

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* Deceased, April 17, 1877.

Rev. A. E. GIBSON, D. D., Rev. J. F. CHAPLAIN, D. D., W. H. BODINE, WILLIAM M. SHAKESPEARE, WALTER H. THOMPSON, ALBERT H. SLAPE, Esq., Rev. J. B. QUIGG, Rev. T. MITCHELL, D. D., JONATHAN BOYNTON, JOHN WILSON, Col. CLARENCE J. JACKSON, JAMES HUNTER, Rev. J. B. GRAW, D. D., Rev. ARTHUR W. MILBY, LOUIS E. McCOMAS, Esq.,

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Baltimore, Md. Hestonville. Williamstown, N. J. Dover, Del. Easton, Md. Salem, N. J. Wilmington, Del. Williamsport. Clearfield. Wilmington, Del. Berwick. Hestonville. Camden, N. J. Wilmington, Del. Hagerstown, Md.

Officers of the Board.

Rev. JAMES A. McCAULEY, D. D., President. Prof. CHARLES F. HIMES, PH. D., Secretary and Treasurer.

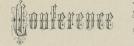
General Executive Committee.

Col. John A. Wright, William R. Woodward, Esq., Rev. James B. Quigg.

Local Executive Committee.

CHRISTIAN STAYMAN, WILLIAM H. MILLER, Esq., JACOB RHEEM, R. C. WOODWARD.

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Baltimore Conference: Rev. J. W. Cornelius, Rev. C. W. Baldwin, Prof. W. Hersey Hopkins, Prof. A. Z. Hartman.

Philàdelphia Conference: Rev. W. B. Wood, Rev. T. Stevens, JAMES BLACK, Esq., JOHN F. KEEN, Esq.

Central Pennsylvania Conference : Rev. J. H. McGarrah, Rev. A. R. Miller, E. B. McCrum, Esq., W. H. Shelly, Esq.

New Jersey Conference : Rev. E. Hewitt.

Wilmington Conference: Rev. C. A. Phœbus, Rev. E. B. Newnam.

Newark Conference: Rev. J. Ogden Winner, Rev. R. L. Dashiell, D. D.

Alumni Visitors to the Board of Trustees: Rev. J. O. WINNER, Rev. B. C. LIPPINCOTT, Hon. M. C. HERMAN, Rev. J. STEVENSON, D. D., Rev. JAMES M. WILLIAMS.

Rev. JAMES A. McCAULEY, D. D., President, and professor of moral science.

CHARLES F. HIMES, Ph. D., PROFESSOR OF NATURAL SCIENCE, AND CURATOR OF THE MUSEUM.

Rev. HENRY M. HARMAN, D. D., PROFESSOR OF ANCIENT LANGUAGES AND LITERATURE.

Hon. JAMES H. GRAHAM, LL. D., professor of law.

Rev. J. A. LIPPINCOTT, A. M., professor of mathematics and astronomy.

PROFESSOR OF MODERN LANGUAGES.

Rev. CHARLES J. LITTLE, A. M., PROFESSOR OF PHILOSOPHY AND ENGLISH LITERATURE.

PROFESSOR OF BIBLICAL LANGUAGES AND LITERATURE.*

* Studies in this department will, for the present, be under the charge of Professor HARMAN.

DEGREES CONFERRED, JUNE 28th, 1876.

PRICE, J. EMBURY, Primus inter Pares.

BLACKLEDGE, JAMES, CURE, GEORGE A. CURLEY, WILLIAM E. DILLON, JOHN F. DOSH, S. HOMER, ECKERSLEY, WRIGHT, HENDERSON, J. W. HILL, CHARLES ARLETT, Hoffer, F. H. Long, Robert P. Mallalieu, J. Thomas, Morgan, G. Emory, Morgan, William D. Pomeroy, John, Ridgaway, Charles B. Shirk, Henry.

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ALSO OF THE CLASS OF 1875.

AMTHOR, ANDREW J.

ROBERTSON, JAMES F.

THE FOLLLOWING COMMENCED A. M. :

SLAVENS, DUKE, OF THE	CLASS	OF 1859.
BENDER, HENRY R.	" "	1873.
BOTTOME, WILLIAM M.	" "	"
BUCKINGHAM, WILLIAM K		"
GRAHAM, DUNCAN M.	66	"
MAINE, ELIAS D.	"	
MASSEY, WILLIAM A.	"	"
Shiffer, J. KNOX,	"	. 64
WILBUR, GEORGE E.	"	"
WILLIAMS, JAMES S.	"	"

HONORARY DEGREES.

A. M.

Ambrose J. Faust, Rev. Edward J. Gray, Rev. Luther T. Widerman.

D. D. Rev. Jefferson Lewis, Rev. Jacob Tood.

LL. D. Bishop Thomas Bowman.

SENIOR CLASS.

NAMES.

Bacon, George C. Bond, George W. Boswell, Thomas S. Conwell, C. S. Dudrear, C. E. Gibson, Frank M. Hartley, John M. House, Charles T. Jaggard, W. W. McKay, Robert, Nicholson, James C.

RESIDENCES.	ROOMS.
Monkton, Md.	50 W. C.
Baltimore, Md.	41 W. C.
Philadelphia.	1 E. C.
Camden, Del.	50 W. C.
Walkersville, Md.	14 E. C.
Baltimore, Md.	38 E. C.
Philadelphia.	25 E. C.
Urbana, Md.	26 E. C.
Altoona.	41 E. C.
Westwood, N. J.	25 E. C.
Baltimore, Md.	44 W. C.

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JUNIOR CLASS.

NAMES.	RESIDENCES.	ROOMS.
*Brown, J. C.	Hagerstown, Md.	22 W. C.
Diven, Samuel L.	Harrisburg.	23 E. C.
Elliott, James,	Plainfield.	39 E. C.
GROSS, THOMAS F.	Allentown.	40 W. C.
GLANDING, WILLIAM B.	Altoona.	Mr. J. P. Bixler's.
KING, GEORGE E.	Watsontown.	48 W. C.
Morgan, J. Harry	Philadelphia.	47 W. C.
*Norris, Milton McK.	Unionville, Md.	11 E. C.
Powell, W. A.	Farmington, Del.	47 W. C.
Wilson, Charles,	Wilmington, Del.	28 E. C.

*Partial course.

SOPHOMORE CLASS.

NAMES.

*Booth, John P. Campbell, William P. Cole, Robert C. Green, Thomas S. Jaggard, Edward A. Longsdorff, H. H. Mumper, W. N. Ralston, James M. Rhoads, J. Newton, Smith, Prestly C. Stauffer, Clarence C.

*Partial course.

ROOMS.
Mrs. N. Booth's.
Mr. J. Campbell's.
39 E. C.
22 W. C.
41 E. C.
41 W. C.
48 W. C.
D. Ralston's.
J. P. Rhoads'.
n. 2 E. C.
l. 11 E. C.

FRESHMAN CLASS.

ROOMS. RESIDENCES. NAMES. 26 E. C. Florence, Italy. BENHAM, RAPHAEL, т Е. С. Philadelphia. BOSWELL, WILLIAM L. 31 E. C. Constitution. BULETT, L. D. 29 E. C. Oxford. CALDWELL, COATES, Matawan, N. J. 25 E. C. CARHART, WILLIAM M. Mr. W. A. Coffey's. Carlisle. COFFEY, OWEN T. 10 E. C. New York. CRAWFORD, R. STEPHENSON, Mrs. E. K. Ege's. Carlisle. EGE, CHARLES R. Carlisle. Mr. Thos. A. Harper's. HARPER, J. WARREN, 40 W. C. Philadelphia. HOLLINSHEAD, J. STERLING, Hagerstown, Md. 22 W. C. [†]McDade, Elmer W. Philadelphia. 31 E. C. MCINTYRE, J. P. Williamsport. 36 E. C. NEWCOMER, CHARLES O. Huntingdon. 15 E. C. PATTERSON, R. CUNNINGHAM, Philadelphia. 25 W. C. QUIGLEY, FRANK B. Williamsport. 36 W. C. REIGHARD, HALL, Mechanicsburg. 10 E. C. ZUG, CHARLES K.

*†*Requisitions.

II

Biblical Elective Course.

SENIOR SECTION.

Brown, J. C. Dudrear, C. E. Hartley, John M. House, Charles T. McKay, Robert, Nicholson, James C.

Scientific Elective Course.

SENIOR SECTION.

BACON, GEORGE C. BOND, GEORGE W. BOSWELL, THOMAS S. GIESON, FRANK M. JAGGARD, WILLIAM W.

JUNIOR SECTION.

DIVEN, SAMUEL W. ELLIOTT, JAMES, GROSS, THOMAS F. KING, GEORGE E. MORGAN, J. HARRY, NORRIS, MILTON MCK. POWELL, WALTER A. WILSON, CHARLES.

TERMS OF ADMISSION.

Candidates for admission must produce testimonials of good moral character; and, if from another College, evidence of regular dismission.

The proper time for examination is on Wednesday preceding Commencement, and the day before the opening of the Fall session.

Students are admitted only on examination, both of the preparatory studies and of those previously pursued by the class which they desire to enter. When admitted to an advanced class, a fee of five dollars is charged for each year's advancement, except when the student comes from another College.

Candidates for the Freshman Class are examined on the following books and subjects :

ENGLISH.

Grammar; Geography; a thorough knowledge of which is required.

MATHEMATICS.

Arithmetic; Algebra, through quadratic equations, (Loomis' Treatise, or Greenleat's Higher;) Geometry, (Loomis or Chauvenet,) four books.

LATIN.

Andrews and Stoddard's Grammar; Cicero, (six orations;) Cæsar, (three books;) Virgil's Æneid, (six books;) Arnold's Latin Prose Composition, (first twelve chapters.)

GREEK.

Goodwin or Hadley's Grammar; Xenophon's Anabasis, (first four books;) Jacob's Reader; or three books of Homer's Iliad.

SCIENTIFIC ELECTIVE COURSE.

Practical scientific studies may be substituted for the Greek of the Junior year, and for the Greek and Latin of the Senior year; and the students thus electing are graduated with the usual degree of Bachelor of Arts.

The course is also open to all students as additional work, if, in the judgment of the Faculty, such work will not interfere with their regular studies.

The practical exercises in the laboratory are arranged and conducted with a view to mental discipline, as well as for more thorough instruction in Natural Science than can be embraced in the general course of study, and are adapted in each case to the previous training, and, when desired, to the future pursuits of the students.

Each student is provided with a desk and apparatus necessary for the performance of the experiments, under the supervision and instruction of the professor.

The course for the Junior year consists in such experiments in General Chemisty and Qualitative Analysis as may render the student more familiar with the general principles of science, and give him a practical acquaintance with the commoner minerals, and the methods employed in testing them. This is followed, according to the proficiency manifested by the student, as may be deemed best, by one or more of the following courses:

Qualitative Analysis, including Blowpipe; Analysis and Determinative Mineralogy.

Quantitative Analysis of Ores, &c.; Volumetric and Gravimetric. Medical Chemistry, Urinary; Analysis, Testing of Drugs, &c. Legal Chemistry, Toxicology, &c.

Photographic Chemistry, Collodion process-wet and dry,

Silver and Carbon Printing, &c.

Experimental Course in Physics, including the use of the Spectroscope, Photometer, &c.

Teachers' Course, embracing instruction in the use and care of apparatus employed for illustration in Natural Philosophy and Chemistry, and the performance, by means of the simplest and least expens-

ive apparatus, of the experiments adapted to instruction of classes in those branches.

The members of the Senior Class, in this course, are required, as part of their regular work, to deliver experimental lectures on the subjects upon which they are engaged, before the students in this department, who have organized themselves into a society for the promotion of its interests.

As a general incentive to application, increased facilities for study, in the way of apparatus and laboratory privileges, are afforded to such as make the most satisfactory progress; and where the student a sufficiently proficient he is permitted, and encouraged, to use text-books, and books of reference in the German language, in the laboratory.

Copies of Fresenius' Qualitative and Quantitative Analysis are furnished for the use of the students, upon payment of an advance fee of five dollars, which is refunded upon return of the books at the close of the session.

General books of reference, special treatises, and various scientific journals are accessible to the student in the laboratory library, as well as that of the professor, including:

Plattner's Blowpipe Analysis,	Pickering's Physical Manipulation,
Gmelin's Hand-Book of Chemis-	Schellen's Spectrum Analysis,
try,	Vogel's and Lea's Photography,
Watt's Dictionary of Chemistry,	Himes' Leaf-Prints,
Ure's Dictionary of Arts, &c.	Gray's Botanical Works,
Miller's Elements of Chemistry,	Silliman's Journal,
Will's Analytical Outlines,	American Chemist,
Dana's Descriptive Mineralogy,	Franklin Institute Journal,
Dana's Text-Book of Mineralogy,	Scientific American,
Brush's Blowpipe Analysis,	" Supplement,
Wood & Bache's U.S. Dispensa-	Philadelphia Photographer,
tory,	Photograpisches Archiv,
Bowman's Medical Chemistry,	American Naturalist, ·
Wormley's Micro-Chemistry of	Popular Science Monthly.
Poisons,	

A prize, called the Scientific Society's prize, is given to the member of the Senior Class who may give the fullest, and most scientific account of experiments made upon some subject selected by the Scientific Society, and approved by the Professor.



FRESHMAN CLASS.

	Greek—Selections (Boise & Freeman);
	Herodotus—Invasion of Greece;
	Arian-Expedition of Alexander;
	Homer_Odyssey.
	Memorabilia of Xenophon.
Classics,	Prose composition (Arnold).
,	Latin_Sallust_Conspiracy of Cattaline :
	Ovid—Metamorphoses;
	Livy—Punic War;
	Prose composition (Arnold).
	Greek and Roman Antiquities.
Mal	f Algebra—(Todhunter, College Edition).
Mathematics, .	Elements of Geometry (Chauvenet.)
	(Composition and Grammar.
English,	History of the English Language.
	History of the English Language. History of England.
	SOPHOMORE CLASS.
	Greek_Memorabilia, completed.
•	Demosthenes : DeCorona.
	Latin_Horace : Odes and Satires.
	Cicero: De Amicitia.
Classics,	The itera Companie

Tacitus: Germania. Prose composition. Archæology of Greek and Roman Literature, and of Art.

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Mathematics, .	Plane and Spherical Trigonometry. Mensuration and Surveying; Analytical Geometry (Todhunter's Conic Sec- tions).
E. P.J	Rhetoric—(Bain's). Political Economy—(Fawcett's).
English,	Principles of Elocution. Private Declamation.
Natural Science, .	. Chemistry, Inorganic—Text-book, with lectures. <i>French</i> —Languellier and Monsanto's Practical
Modern Languages,	Course. Boecher's Reader. German—Whitney's Grammar and Reader.

JUNIOR CLASS.

	Greek_Demosthenes. De Corona, completed.						
	Æschylus: Prometheus.						
Classics,	Latin-Cicero: De Oratore.						
	Tacitus : Agricola.						
Mathematics,	Differential and Integral Calculus.						
	Logic—Jevon's.						
	Metaphysics—Hamilton's Lectures.						
English,	Bacon's Essays.						
	Lectures on Ancient History.						
	Public Declamation.						
	Chemistry, (completed)—with Lectures.						
	Physics, (begun)—with Lectures.						
N . 10 '	Elective in place of Greek:						
Natural Science, .	Experimental Course in General Chemistry.						
	Laboratory Practice; Qualitative Analysis						
	Will's Tables, Himes' Second Edition.						

Biblical, . .

Modern Languages,

Ethics,

Greek Testament—Grammar of its Diction.
Hebrew Grammar—Roediger's Gesenius.
Historical Parts of the Hebrew Bible.
Criticisms and Exegesis, with lectures.
Elective in place of Calculus :
Hebrew—Grammar and Translation.
Moral Philosophy.
French—Scribe; Corneille, or Moliere.
German—Schiller and Uhland.

SENIOR CLASS.

ſ	Greek_Æschylus : Prometheus, completed.							
	Euripides : Alcestis.							
Classics,	Latin-Terrence : Andria.							
	Horace: Ars Poetica.							
	Juvenal: Satires.							
Mathematics	Astronomy.							
(History of Civilization—Guizot's.							
	History of Philosophy.							
English, {	English Literature, with lectures.							
	Public Declamation of Original Essays.							
ſ	Physics, (Deschanel, completed,) with lectures.							
	Geology-Dana's text-book, with specimens.							
	Elective in place of Latin and Greek:							
	Qualitative Analysis.							
Natural Gaianaa	Bunsen's Flame Reactions-(Himes' Edition.)							
Natural Science, .	Quantitative Analysis.							
	Experiments in Physics.							
	Experimental Lectures by the Students.							
	Special Course for Teachers.							
(French-Racine.							
	German_Lessing and Goethe.							
Modern Languages,	Written Translations from English into German.							
l	Lectures on German Literature.							

Hebrew—Grammar, Roediger's Gesenius.
Translation : Psalms and Prophets.
Criticism and Exegesis with lectures.
Elective in place of Latin and Classic Greek :
Hebrew and Biblical Archæology.
Butler's Analogy.

BIBLICAL ELECTIVE COURSE.

Students preparing for the Christian Ministry are allowed to take Hebrew and New Testament Greek in their Junior and Senior years, in place of equivalent studies, chiefly mathematical, and graduate Bachelor of Arts. The following works are used as text or reference books: Hahn's Hebrew Bible; Gesenius' Hebrew Grammar, by Roediger; Gesenius' or Fuerst's Hebrew Lexicon; Winer's Chaldee Grammar; Tischendorf's Greek Testament, 8th critical edition; Winer's Grammar of New Testament Diction; Robinson's Lexicon of the New Testament Greek.

A Bible Class, in which the original Scriptures are critically examined, and the received text compared with the readings of the most noted and valuable of the ancient manuscripts, is conducted by Prof. Harman, every Sabbath afternoon. All the students have the privilege of attending this instructive exercise.

The patronizing Conferences direct the attention of young men who are candidates for the Ministry, to this course, in the following preamble and resolution :

WHEREAS, Dickinson College provides for a course of instruction in the elements of Moral and Biblical Science and Literature; and

WHEREAS, This course is adjusted to the wants of those young men who are preparing for the Ministry, and who cannot take the full classical course: Therefore,

Resolved, That we advise those young men within our bounds, who feel called to preach the Gospel, to avail themselves, as far as practicable, of the advantages of this course of instruction.

EXTRA ELECTIVE STUDIES.

Any elective studies are also open, as additional studies, to students pursuing any one of the regular courses for graduation, if, in the judgment of the Faculty, such additional work does not interfere with their regular studies; and the taking of such extra work by any student is indicated in the catalogue, and will be recognized by a certificate to that effect when desired.

SELECTION OF STUDIES.

The selection of any course of study must be made for the whole collegiate year; and changes from one course to another during the year cannot be allowed. The selection, in all cases, is subject to the approval of the Faculty, and the student is required to notify the President of the course he desires to pursue, at the opening of the term.

PARTIAL COURSE.

A partial course, covering about two years, and embracing such studies from the regular curriculum and elective courses as bear directly upon their future vocation, can be pursued by students not intending to graduate.

METHOD OF INSTRUCTION.

At the daily recitations, where the text admits of it, the old catechetical method of instruction is avoided as much as possible, and the student required to give a connected view of the subject in his own language, and without the aid of the Professor, except on points not fully treated by the author, thus cultivating at once the powers of memory, thought, and discourse. When a subject is susceptible of it, a written analysis of the lesson may be required; and a written analysis of the whole work at the examination.

The instruction of PHILOSOPHY AND ENGLISH LITERATURE is given partly by recitations in History, Rhetoric, Logic, Political Economy, Metaphysics, and Constitutional Law, and partly by lectures on the English Language and Literature, the Philosophy of History and Polity, and the History of Philosophy. Practical exercises in Writing and Speaking also receive special attention in this department.

In NATURAL SCIENCE, the general course includes recitations from text-books, and lectures accompanied by illustrations and experiments; and the Elective Course, in addition, practice in the laboratory, and lectures by the students.

In the MATHEMATICAL department there are daily recitations. In the Senior year, lectures are given on the theories and application of the higher branches.

In the CLASSICAL department it frequently happens that either different authors, or different portions of the same author, are read by the same classes; but this fact does not effect the amount of Greek and Latin required of those who apply for admission to the higher classes.

BOOKS OF REFERENCE.

The following are recommended as Books of Reference throughout the course :

Anthon's Classical Dictionary; Zumpt's Latin Grammar; Hadley's Greek Grammar; Ramshorn's Latin Synonyms; Davies and Peck's Mathematical Dictionary; Fowler's English Grammar; Webster's or Worcester's Unabridged Dictionary; Long's Classical Atlas; Story on the Constitution.

EXAMINATIONS.

1. Of all the classes at the close of the Fall Term, on the studies of the term.

2. Of the Senior class, three weeks before commencement.

3. Of the other classes, the week before commencement, on the studies of the Winter and Spring terms.

4. Of candidates for admission, the Wednesday of commencement week, and the day before the opening of each term.

DEGREE OF MASTER OF ARTS.

All graduates of three years' standing, or more, who have in the meantime sustained a good moral character, are candidates, in course, for the degree of A. M. Application should be made to the President, accompanied by the usual fee, $(\$5 \circ \circ)$ two weeks before the commencement. If the degree is not conferred, the fee will be returned.

PUBLIC WORSHIP.

Religious service is held in the chapel in the morning and evening of each day, except Saturday, Sunday, and Wednesday, when the evening service is omitted. The students are also required to attend public worship twice on the Sabbath, at such church as their parents or guardians may designate.

TERMS AND VACATIONS.

The college year is divided into three terms: the first beginning on the second Thursday in September, and ending on the Wednesday preceding Christmas; the second beginning two weeks from the termination of the first, and ending on the Thursday preceding Easter; the third beginning on the Tuesday following Easter, and closing at commencement, the last Thursday in June.

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LIBRARIES.

The College Library contains---7,860 volumes.The Library of the Belles Lettres Society,--9,953 volumes.The Library of the Union Philosophical,--10,099 volumes.

These are accessible to all students, and, except in vacation, are opened as follows:

The College Library, every Saturday, at 11 o'clock, A. M.

The Society Libraries, every Wednesday and Saturday, at 1 o'clock, P. M.

MUSEUM.

The College Museum contains specimens in Mineralogy, Geology, and Natural History, adapted to instruction, including a collection of minerals bequeathed to the College by S. Ashmead, Esq., of Philadelphia, and a suite of one hundred and forty rocks of the Mt. Blanc chain, added out of the interest of donation of J. W. Hendrix, M. D., supplementing a plaster model of that chain previously presented by Dr. Durbin.

PHILOSOPHICAL AND CHEMICAL APPARATUS.

The apparatus employed for illustration in the General Course of study is valuable, and annually increasing. The apparatus in the Laboratory for the use of the students is adapted to the wants of the Elective Course. A fee of one dollar, paid by each student, the special laboratory fee of those taking the Elective Course, and the interest of certain donations, made for this purpose, are applied to its increase and use. A large Compound Burning-Glass, larger lens 18 inches in diameter, once the property of Priestley, and the Rotascope employed by Professor Walter Johnson, are of special historical interest. Amongst more recently added pieces, are a Lime-Light Lantern, Gas Microscope, and Table Microscope, manufactured by Zentmayer; Carre Ice Machine, Bourdon's Apparatus for the demonstration of the *vis-viva* of projectiles, Centrifugal Railway, by Salleron, of Paris; Induction Coil, with Geissler tubes and rotators, by

Ruhmkorff; Bunsen Battery of 40 cells, with 11-inch carbons; Dipping Battery, by Desaga; Bunsen's Photometer; Cathetometer; Electric Lamp; an improved Holtz Electric Machine, with extra condensers and complete accessories for piercing glass, &c., manufactured by Borchardt, of Hanover, Germany, presented by J. W. Hendrix, M. D.

During the past year, by interest of donation of J. C. Rives, M. D., a Polariscope, and Crooke's Radiometer.

ASTRONOMICAL OBSERVATORY.

The College has facilities for instruction in the Department of Astronomy. The Astronomical Observatory is provided with an Achromatic Telescope, manufactured by Henry Fitz, of New York. This telescope has an object glass of five inches, with a focal distance of seven feet, is equatorially mounted, and furnished with right ascension and declination circles, and is adapted to scientific research, as well as instruction.

PRIZES.

By the liberality of Daniel Pierson, Esq., of Newark, New Jersey, the College has been furnished with funds to be appropriated as prizes for oratory. These prizes are in the form of a gold and silver medal, to be given to such members of the Junior Class as excel in the combined merits of Declamation and Composition. The prizes are known as

> THE PIERSON PRIZES. Award for 1876. GOLD MEDAL—Charles S. Conwell. SILVEL MEDAL—Robert McKay.

SCIENTIFIC SOCIETY PRIZE.

To a member of the Senior Class for the best experimental treatment of some subject selected by the Society.

> Award for 1876. S. Homer Dosh.

COLLEGE BILLS.

	Fall Term.						
Tuition fee, (where Scholarships are not used,)	\$15	00	\$25	00			
Expenses of special Scientific Course,	IO	00	15	00			
Fee for special Biblical Course,	2	00 '	3	00			
For use of library and apparatus, -	· I	50	2	50			
For use and warming of recitation room, -	3	00	5	00			
Janitor's services,	. 2	00	3	00			
Modern Languages,	2	00	3	00			

Students lodging in College pay room rent from \$10 to \$12 a year. Some of the rooms are lighted with gas, the cost of which is charged upon the occupant. Where two students occupy a room, this will probably not exceed \$8 50 per year to each. These are the only bills payable to College, except a charge for incidental repairs. They are required to be paid to the Treasurer during the first month of each term.

RESIDENCE, BOARD, &c.

Students not resident in the town are required to lodge in the College, and to furnish their own rooms. Furniture can be purchased in Carlisle at moderate prices.

No boarding department is kept by the College. Most of the students now board in clubs or voluntary associations, carefully organized and managed by themselves, constituting families of from fifteen to twenty persons each. The expense varies from \$2 \$ 50 to \$4 a week. Others board at such private boarding houses in town as are approved of by the Faculty, in which the price of board varies. Washing is from \$1 \$ 50 to \$2 per month.

SCHOLARSHIPS.

Attention is especially requested to the following regulations: 1. But one student can enjoy the use of the same certificate of scholarship at one time.

2. Presentation of a scholarship to the Treasurer within thirty days after the entrance of a student is required. Otherwise tuition will be charged.

3. For the use of scholarships, except in cases of sons or wards, the consent of the owner must be presented in writing.

4. Transfer of scholarships can be made only on written order of the owner, or his legal representative.

5. A scholarship for twenty-five years can be converted into four of four years each; one of ten years into two of four years each, and a perpetual scholarship into four of four years each. In case a portion of the scholarship to be converted has been consumed, so much will be deducted from one or more of the new certificates.

6. New certificates can be issued in place of lost ones, only after satisfying the President of their existence and loss, and after receipt by the Treasurer of a copy of the newspaper of the county wherein the owner resided, or of the newspaper published nearest his residence, containing advertisement of the loss, and of intention to apply for a re-issue.

SUMMARY OF ANNUAL EXPENSES.

As the College tuition is now for the most part paid by Scholarships, the necessary expenses of a student are much reduced. Parents and guardians are invited to examine the following estimates :

	Library and apparatus fee,		-		-		-		-		-		-	\$4	00	
	Use and warming recitation													8	00	
	Janitor's services,		-		-		-		-		-		-	5	00	
	Modern languages, -	-		-		-		-		-		-		5	00	
	Room rent,		-		-		-		-		-		-	12	00	
	Board, 40 weeks, from	-				-		-			\$10	0 1	to	\$200	00	
	Washing, (average,) -		-		-		-		-		-		-	17	50	
	Fuel, (average,)	-		-		-		-		-		-		8	00	
	Lights, (if gas is used,) -		-		-		-		-		-		-	8	50	
	Incidental repairs, about	-		-		-		-		-		-		3	00	
For special scientific course, to cover the expenses of chemi-																
	cals and apparatus, -		-		-		-		-		-		-	25	00	
	For special biblical course,	-				-		-		-		-		5	00	
	-															

OTHER EXPENSES.—In the above summary, no estimate is made for books, clothes, traveling, or other matters outside of the regular College expenses. These will vary according to the habits and circumstances of the student. There is also a small annual expense in the literary societies.

FINANCIAL AFFAIRS OF THE STUDENTS.

As economy is indispensable to the welfare of both the College and the student, and all experience teaches that youth should not be allowed the uncontrolled use of money, attention is called to the following extracts from the Statutes of the College. Though the faithful observance of these rules may not, in all cases, secure the economy desired, it will doubtless prove a salutary check upon temptations to extravagance and vice :

1. Every minor, whose parent or guardian does not reside in Carlisle, shall select some member of the Faculty as his Patron, who shall have special oversight of his deportment, and whose duty it shall be to afford such counsel as his circumstances require.

2. All funds for the use of a student shall be deposited with his Patron; and no student shall be permitted to remain in the Institution who shall obtain money from any other source, unless he immediately deliver it to his Patron.

3. Parents are requested to notify the Patron at the beginning of each session what expenses each student is allowed to incur, and the Patron shall be strictly governed by such information in his disbursements.

4. No student shall contract any bill without the permission of his Patron.

5. College bills have the preference; all others according to the date of presentation: *Provided*, That no bills shall be paid for horse or carriage hire, confectionery, fruit, eatables of any kind, or other articles unnecessary for a student.

6. The Patron is at liberty to furnish such pocket money as the parent or guardian may prescribe: *Provided*, It does not exceed what, in his judgment, with the advice of the President, the interests of the student, and of the Institution, may require.

7. In case any student shall borrow money, or contract any bill, contrary to the rules of the College, he shall be dealt with as for a high offense, and the payment of such bill by him or for him shall subject him to such discipline as the circumstances may demand.

8. In the monthly report of each student, his Patron shall state the items of expenditures since the last report, together with the amount of funds received. The accounts of the Patron shall, at all times, be open to the inspection of the President and Faculty.

9. The Patron shall not be held personally responsible for any bill of any student. The expenses of correspondence in the discharge of his duties shall be charged to the accounts of the students concerned. As compensation for trouble and risk, he may charge a commission of three per cent. on all money paid out.

BENEFICIARY FUND.

This fund, arising from the contributions of benevolent friends, and the interest of loans to students, is used to aid young men of limited means, who are preparing for the ministry. The money is loaned to them at three per cent. interest, on their notes, payable after graduation, and thus becomes available, in time, for the aid of others. As the cases of this description, in which a small amount of help may prove of incalculable benefit, are more numerous than the fund affords the means of helping, donations to it, in money or scholarships, are earnestly solicited. They may be forwarded to Prof. C. F. Himes, Treasurer of the College, and, *ex-officio*, of the Fund.

ENDOWED SCHOLARSHIPS.

The Trustees recently authorized the founding of endowed scholarships of ONE THOUSAND DOLLARS EACH, whose object should be to aid in extending the privileges of the College to young men of promise, otherwise unable to command them.

I. Such scholarships may be constituted as follows :

1. The donor of each scholarship shall have the privilege of naming it, and of selecting the student who shall enjoy the income.

2. Scholarships may be maintained by the annual payment of sixty dollars as interest, until the principal sum of one thousand dollars is paid. They lapse, of course, when the interest fails, unless the principal sum has been paid.

3. Churches contributing a thousand dollars each, may, if they desire it, place upon that foundation the sons of their ministers, or, in lieu of that, may nominate some other candidate to receive its avails. II. Their use shall be subject to the following regulations:

1. Whenever a scholarship becomes vacant its income, during such

vacancy, shall be at the disposal of the Board of Trustees.

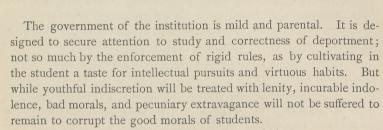
2. Candidates for them must, in all cases, present testimonials of good moral character.

3. Those who are placed upon these scholarships must be fully prepared for admission to college, and, when admitted, must conform to its laws and regulations.

The creation of such scholarships is very much to be desired. Many young men of excellent promise would, in this way, have the advantages of collegiate education brought within their reach. It may be doubted whether the same sum invested in any other way would accomplish equal good. We earnestly commend this opportunity of extending the usefulness of the College, and of affording perpetual help to worthy young men struggling to fit themselves for active life, to the favorable consideration of those who are concerned to do good with their means.

HEFAI

marks.



A faithful record is kept of the standing and deportment of each student, of which a monthly report is made out and sent to the parent or guardian of those who are under age.

Since loss of time is injurious, both to the habits and the scholarship of students, it is desirable that they be present and ready for work at the opening of the session; and parents and guardians are earnestly requested to discourage all absences from College for the purpose of visiting friends or otherwise, except in urgent cases.

ALUMNI ASSOCIATION.

President—Hon. CHARLES ALBRIGHT. Vice President—Thos. J. HUNTER, Esq. Secretary—Hon. M. C. HERMAN. Treasurer—W. F. HORN, Esq. Orator—Hon. HENDRICK B. WRIGHT. Executive Committee—Hon. M. C. HERMAN; J. C. MCCURLEY, Esq.; JOHN CORNMAN, Esq.; J. C. CURTIS, M. D.; O. L. HADDOCK, Esq.

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Poet-Rev. JOEL SWARTZ, D. D.

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Corresponding Secretary-W. W. JAGGARD.

Recording Secretary-W. B. GLANDING.

Treasurer-THOMAS F. GROSS.

Annual Sermon-Rev. J. F. Hurst, D. D.

CALENDAR FOR 1877.

WEDNESDAY, MAY 30-Examination of Senior Class begins. WEDNESDAY, JUNE 20-Examination of other classes begins. SUNDAY, JUNE 24, 11 o'clock, A. M.-Sermon before the Society of Religious Inquiry, by Rev. John F. Hurst, D. D. 24, 8 o'clock, P. M.—Baccalaureate Sermon, by the 66 66 President. MONDAY, JUNE 25, 8 o'clock, P. M.—Oratorical contest, by the Junior Class, for Pierson prize medals. TUESDAY, JUNE 26, 10 O'clock, A. M.—Class day. 26, 3 o'clock, P. M.—Annual Meeting of the Board " of Trustees. 26, 8 o'clock, P. M.—Oration before the Literary Societies, by Rev. A. E. Gibson, D. D. Poem, by Rev. Joel Swartz, D. D. WEDNESDAY, JUNE 27-Examination of candidates for admission. 27, 9 o'clock, A. M. Annual Meetings of the General, Belles Lettres, and Union Philosophical Societies. 27, 3 o'clock, P. M.—Annual Business Meeting of the Alumni Association, in the College Chapel. 27, 8 o'clock, P. M.—Alumni Oration, by Hon. 66 Hendrick B. Wright. 27, 9 o'clock, P. м.—General Re-union of Alumni. 66 THURSDAY, JUNE 28, 10 o'clock, A. M.—Commencement. WEDNESDAY, SEPTEMBER 12-Examination of candidates for Admission. THURSDAY, SEPTEMBER 13-Fall Term begins.

NECROLOGY.

So far as we have information, four of our Alumni have died during the present college year. We place them on our roll in the order of their graduation.

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Bishop GEORGE D. CUMMINS, D. D., born in Maryland, died near Baltimore, in the summer of 1876.

Graduated in 1841; began his ministry in the Baltimore Conference of the M. E. Church; after two years became a minister in the Protestant Episcopal Church; was settled successively over important congregations in Norfolk, Washington, Baltimore, and Chicago; in 1866 was consecrated assistant bishop of Kentucky; about 1874 withdrew from the P. E. Church, and took a leading part in organizing the Reformed Episcopal Church, of which he was made the first bishop. He was an orator of very considerable power, and in the social relations of life, exceedingly genial.

JAMES WEISER, born in 1848, died in York, Pa., July 29, 1876, Ætat. 28.

Graduated in 1869; was engaged, for some years, in mercantile business in Carlisle, and afterwards in York, and in both places was widely known and highly esteemed.

JOSEPH H. MCKEEHAN, born in 1848, died near Carlisle, July 31, 1876, Ætat. 28.

Graduated in 1870; immediately afterwards studied law, and, in due time, was admitted to practice at the Philadelphia; bar but, after a few years, failing health compelled him to relinquish a very promising professional career.

S. HOMER DOSH, died at his home in Monkton, Md., November 19, 1876.

Entering the Junior Class at the opening of the college year, 1874–5, and being throughout his course an assiduous and successful student, he graduated with distinction, in June, 1876. Within a month after graduation he was attacked by the disease which, a few months later, proved fatal. There seems a peculiar sadness in the

early cutting-off of one so well fitted, and of such earnest purpose, to be useful; but it has relief in the reflection that he passed away in full assurance of a better life.

Besides Alumni, the roll of our dead receives this year the honored name of Rev. FRANCIS HODGSON, D. D., for many years a faithful and efficient member of the Board of Trustees. He was born in Driffield, England, February 13, 1805; died in Philadelphia, April 17, 1877. Ætat. 72. Coming to this country in early life, he settled in West Chester, Pa., and, in his twenty-third year, was admitted to the Philadelphia Conference. For the full period of half a century he was in the active work of the ministry, occupying in that time some of the most important fields of labor in the Church. His abilities were of a high order, and as a preacher, in his best days, he was excelled by few. As a defender of the doctrines and polity of his Church, as also of his individual opinions, whether in debate or through the press, he was surpassingly able. He was an ardent friend of education, and his interest in the College secured his presence at all the meetings of the Board, while his wisdom in counsel made him one of its most valuable members. It sustains a heavy loss in his removal.

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C. S. CONWELL, OF DELAWARE, Graduate of Dickinson, ENGLISH AND COMMERCIAL DEPARTMENTS.

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